



STATE OF WASHINGTON  
ENERGY FACILITY SITE EVALUATION COUNCIL

*PO Box 43172 • Olympia, Washington 98504-3172*

**DETERMINATION OF SIGNIFICANCE**

**and**

**SCOPING NOTICE**

**BP Cherry Point Cogeneration Project – Application No. 2002-01**

**Description of Proposal:** BP Cherry Point Cogeneration Project Application No. 2002-01. BP West Coast Products, LLC, (BP) is proposing a 720 megawatt natural gas-fired combined-cycle combustion turbine electrical cogeneration facility near the community of Birch Bay, Whatcom County, Washington. Related project facilities include a natural gas pipeline and an electrical transmission line.

The plant would be configured with three (3) combustion turbines each driving an electric generator. Each of the gas turbines would be equipped with a heat recovery steam generator and duct firing capability to augment steam production. Steam would be produced at high pressure in the heat recovery steam generators and sent to one (1) steam turbine driven electric generator with extraction and condensing capability. Finally, BP is proposing cogeneration capability for this energy facility. A portion of the otherwise wasted thermal energy from the combustion turbines would be recovered as steam that would be used in BP's adjacent refinery.

The project would require about 60,000 gallons of water per day, using air-cooling technology. Whatcom County PUD #1 currently provides water to the BP refinery. The refinery currently uses six (6) to nine (9) of the eleven (11) million gallons per day (MGD) allotted to the refinery. BP anticipates additional water for the project would be provided pursuant to this existing PUD contract. Wastewater would be discharged to this existing refinery wastewater treatment system. The refinery currently discharges approximately four (4) MGD to the Strait of Georgia.

Natural gas for the project would be supplied by an existing company owned proprietary pipeline, which currently routes natural gas from Sumas directly to the BP refinery. The refinery owns 90% of the natural gas pipeline and Alcoa Intalco Works owns the remaining 10%. The pipeline obtains gas from Westcoast Energy at a terminus on the Canadian side of the border near Sumas. If additional gas is needed, it would be supplied through an existing gas line by a third-party.

The electrical interconnection would occur approximately one mile east of the refinery on an existing 230 kv BPA radial line which runs from the Custer substation to Alcoa Intalco Works.

**Proponent:** BP West Coast Products, LLC, 4519 Grandview Road, Blaine, Washington 98230.

**Location of Proposal:** The proposed 33-acre site for the BP Cherry Point Cogeneration Project is located within the property boundary of the BP Refinery and is surrounded by industrial land use

zones. Lake Terrell is about one mile from the BP property and is used as a wildlife refuge and used by the public for recreation. The Lummi Nations Reservation is located approximately five miles to the south.

**Lead Agency:** Washington State Energy Facility Site Evaluation Council (SEPA); Bonneville Power Administration (NEPA).

**EIS Required:** The lead agencies have determined that this proposal is likely to have a significant adverse impact on the environment. An EIS is required under RCW 43.21C.030(2)(c) and will be prepared. The environmental impact statement (EIS) will be a joint State Environmental Policy Act (SEPA)/National Environmental Policy Act (NEPA) document. The lead state agency will be the Energy Facility Site Evaluation Council (EFSEC or Council) and the lead federal agency is Bonneville Power Administration (BPA). The Application for Site Certification and other materials indicating likely environmental impacts are also available at the EFSEC office, local libraries, and at EFSEC's web site at [www.efsec.wa.gov](http://www.efsec.wa.gov).

**Scoping and Scoping Meeting:** Agencies, Tribes, and members of the public are invited to comment on the scope of the EIS. Interested persons and organizations may comment on alternatives, mitigation measures, probable significant adverse impacts, and licenses or other approvals that may be required. Public comment may be given in writing or in person as follows:

Written comments should be mailed to the Responsible Official:

Allen J. Fiksdal, EFSEC Manager  
Energy Facility Site Evaluation Council  
PO Box 43172  
Olympia, WA 98504-3172

Or via email at [efsec@ep.cted.wa.gov](mailto:efsec@ep.cted.wa.gov).

Oral comments will be accepted at a **Public Scoping Meeting:**

**July 9, 2002, 6:30 p.m.**  
Blaine High School Performing Arts Center  
965 H Street  
Blaine, Washington

The meeting will begin at 6:30 p.m. with an Open House, followed at 7:00 p.m. with an informational presentation and a scoping meeting pursuant to the requirements of the State and National Environmental Policy Acts.

All comments must be received in EFSEC's office by **5:00 p.m. August 9, 2002.**

Responsible Official

\_\_\_\_\_/s/\_\_\_\_\_  
Allen J. Fiksdal, EFSEC Manager

Date: \_\_\_\_\_  
June 13, 2002